

30518.ST25.txt
SEQUENCE LISTING

<110> Egawa, Kohji

<120> Cancer Cell-Specific HLA-F Antigen and a Diagnostic Method of Cancer by Using Thereof

<130> 30815

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 1089

<212> DNA

<213> Homo sapiens

<400> 1

atggcgcccc	gaagcctcct	cctgctgctc	tcaggggccc	tggccctgac	cgatacttgg	60
gcgggctccc	actccttgag	gtatttcagc	accgctgtgt	cgcgccccgg	ccgcggggag	120
ccccgctaca	tcgccgtgga	gtacgtagac	gacacgcaat	tcctgcggtt	cgacagcgac	180
gccgcgattc	cgaggatgga	gccgcgggag	ccgtgggtgg	agcaagaggg	gccgcagtat	240
tgggagtgga	ccacagggta	cgccaaggcc	aacgcacaga	ctgaccgagt	ggccctgagg	300
aacctgctcc	gccgctacaa	ccagagcgag	gctgggtctc	acaccctcca	gggaatgaat	360
ggctgcgaca	tggggcccgga	cggacgcctc	ctccgcgggt	atcaccagca	cgcgtagcgc	420
ggcaaggatt	acatctccct	gaacgaggac	ctgcgctcct	ggaccgcggc	ggacaccgtg	480
gctcagatca	cccagcgctt	ctatgaggca	gaggaatatg	cagaggagt	caggacctac	540
ctggagggcg	agtgccctgga	gttgctccgc	agatacttgg	agaatgggaa	ggagacgcta	600
cagcgcgag	atcctccaaa	ggcacacgtt	gcccaccacc	ccatctctga	ccatgaggcc	660
accctgaggt	gctgggcccct	gggcttctac	cctgcggaga	tcacgctgac	ctggcagcgg	720
gatggggagg	aacagaccca	ggacacagag	cttgtggaga	ccaggcctgc	aggggatgga	780
accttccaga	agtgggccgc	tgtggtggtg	ccttctggag	aggaacagag	atacacatgc	840

30518.ST25.txt

catgtgcagc acgaggggct gccccagccc ctcacacctga gatgggagca gtctccccag 900
cccaccatcc ccatcgtagg catcgtaggct ggccttggtg tccttgagagc tgtgggtcact 960
ggagctgtgg tcgctgctgt gatgtggagg aagaagagct cagatagaaa cagagggagc 1020
tactctcagg ctgcagtcac tgacagtgcc cagggctctg ggggtgtctct cacagctaata 1080
aaagtgtga 1089

<210> 2

<211> 822

<212> DNA

<213> Homo sapiens

<400> 2
ggctcccact ccttgaggta tttcagcacc gctgtgtcgc ggcccggccg cggggagccc 60
cgctacatcg ccgtggagta cgtagacgac acgcaattcc tgcgggttcga cagcgacgcc 120
gcgattccga ggatggagcc gcgggagccg tgggtggagc aagaggggccc gcagtattgg 180
gagtggacca cagggtagc caaggccaac gcacagactg accgagtggc cctgaggaac 240
ctgctccgcc gctacaacca gagcgaggct ggggtctcaca ccctccaggg aatgaatggc 300
tgcgacatgg ggcccagcgg acgcctcctc cgcggtatc accagcacgc gtacgacggc 360
aaggattaca tctccctgaa cgaggacctg cgctcctgga ccgcggcgga caccgtggct 420
cagatcacc agcgcttcta tgaggcagag gaatatgcag aggagttcag gacctacctg 480
gagggcgagt gcctggagtt gctccgcaga tacttgagga atgggaagga gacgctacag 540
cgcgagatc ctcaaaggc acacgttgcc caccaccca tctctgacca tgaggccacc 600
ctgaggtgct gggccctggg cttctacctt gcggagatca cgctgacctg gcagcgggat 660
ggggaggaac agaccagga cacagagctt gtggagacca ggcctgcagg ggatggaacc 720
ttccagaagt gggccgctgt ggtggtgcct tctggagagg aacagagata cacatgccat 780
gtgcagcacg aggggctgcc ccagcccctc atcctgagat gg 822

<210> 3

<211> 645

<212> DNA

<213> Homo sapiens

<400> 3

30518.ST25.txt

```

atcgccgtgg agtacgtaga cgacacgcaa ttcctgcggg tcgacagcga cgccgcgatt    60
ccgaggatgg agccgcggga gccgtgggtg gagcaagagg ggccgcagta ttgggagtg    120
accacagggg acgccaaggc caacgcacag actgaccgag tggccctgag gaacctgctc    180
cgccgctaca accagagcga ggctgggtct cacaccctcc agggaatgaa tggctgcgac    240
atgggggccc acggacgcct cctccgcggg tatcaccagc acgcgtacga cggcaaggat    300
tacatctccc tgaacgagga cctgcgctcc tggaccgcgg cggacaccgt ggctcagatc    360
acccagcgct tctatgaggc agaggaatat gcagaggagt tcaggaccta cctggagggc    420
gagtgcctgg agttgctccg cagatacttg gagaatggga aggagacgct acagcgcgca    480
gatcctccaa aggcacacgt tgcccaccac cccatctctg accatgaggc caccctgagg    540
tgctgggccc tgggcttcta ccctgcggag atcacgctga cctggcagcg ggatggggag    600
gaacagaccc aggacacaga gcttgtggag accaggcctg caggg                    645

```

<210> 4

<211> 362

<212> PRT

<213> Homo sapiens

<400> 4

```

Met Ala Pro Arg Ser Leu Leu Leu Leu Leu Ser Gly Ala Leu Ala Leu
1      5      10
Thr Asp Thr Trp Ala Gly Ser His Ser Leu Arg Tyr Phe Ser Thr Ala
20     25     30
Val Ser Arg Pro Gly Arg Gly Glu Pro Arg Tyr Ile Ala Val Glu Tyr
35     40     45
Val Asp Asp Thr Gln Phe Leu Arg Phe Asp Ser Asp Ala Ala Ile Pro
50     55     60
Arg Met Glu Pro Arg Glu Pro Trp Val Glu Gln Glu Gly Pro Gln Tyr
65     70     75     80
Trp Glu Trp Thr Thr Gly Tyr Ala Lys Ala Asn Ala Gln Thr Asp Arg
85     90     95
Val Ala Leu Arg Asn Leu Leu Arg Arg Tyr Asn Gln Ser Glu Ala Gly
100    105    110
Ser His Thr Leu Gln Gly Met Asn Gly Cys Asp Met Gly Pro Asp Gly
115    120    125
Arg Leu Leu Arg Gly Tyr His Gln His Ala Tyr Asp Gly Lys Asp Tyr
130    135    140
Ile Ser Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala Ala Asp Thr Val

```

155

[illegible]

<211> 274

<213> Homo sapiens

Gly Ser His Ser Leu Arg Tyr Phe Ser Thr Ala Val Ser Arg Pro Gly
1 5 10 15

Arg Gly Glu Pro Arg Tyr Ile Ala Val Glu Tyr Val Asp Asp Thr Gln
20 25 30

Phe Leu Arg Phe Asp Ser Asp Ala Ala Ile Pro Arg Met Glu Pro Arg
35 40 45

Glu Pro Trp Val Glu Gln Glu Gly Pro Gln Tyr Trp Glu Trp Thr Thr
Page 4

<210>	6
<211>	215
<212>	PRT
<213>	Homo sapiens

Ile Ala Val Glu Tyr Val Asp Asp Thr Gln Phe Leu Arg Phe Asp Ser
1 5 10 15
Asp Ala Ala Ile Pro Arg Met Glu Pro Arg Glu Pro Trp Val Glu Gln
20 25 30
Glu Gly Pro Gln Tyr Trp Glu Trp Thr Thr Gly Tyr Ala Lys Ala Asn
Page 5

35

40

45

Ala Gln Thr Asp Arg Val Ala Leu Arg Asn Leu Leu Arg Arg Tyr Asn
 50 55 60
 Gln Ser Glu Ala Gly Ser His Thr Leu Gln Gly Met Asn Gly Cys Asp
 65 70 75 80
 Met Gly Pro Asp Gly Arg Leu Leu Arg Gly Tyr His Gln His Ala Tyr
 85 90 95
 Asp Gly Lys Asp Tyr Ile Ser Leu Asn Glu Asp Leu Arg Ser Trp Thr
 100 105 110
 Ala Ala Asp Thr Val Ala Gln Ile Thr Gln Arg Phe Tyr Glu Ala Glu
 115 120 125
 Glu Tyr Ala Glu Glu Phe Arg Thr Tyr Leu Glu Gly Glu Cys Leu Glu
 130 135 140
 Leu Leu Arg Arg Tyr Leu Glu Asn Gly Lys Glu Thr Leu Gln Arg Ala
 145 150 155 160
 Asp Pro Pro Lys Ala His Val Ala His His Pro Ile Ser Asp His Glu
 165 170 175
 Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu Ile Thr
 180 185 190
 Leu Thr Trp Gln Arg Asp Gly Glu Glu Gln Thr Gln Asp Thr Glu Leu
 195 200 205
 Val Glu Thr Arg Pro Ala Gly
 210 215